

Message Text

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PAGE 01 PARIS 19682 01 OF 08 230100Z
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E.O. 11652: N/A
TAGS: TECH, PGOV, FR
SUBJECT: CNRS - NSF COOPERATION AND SCIENTIFIC
EXCHANGES.

1. BEGIN SUMMARY. RENEWING PREVIOUS MEASURES OF
1970, 1973 AND 1976, A NEW MEMORANDUM OF UNDERSTAND-
ING WAS SIGNED BY THE FRENCH NATIONAL CENTER FOR
SCIENTIFIC RESEARCH (CNRS) AND THE NSF IN PARIS ON
MAY 30, 1978 (TEXT INCLUDED HEREWITH). THE SIGNING
WAS PRECEDED BY TWO DAYS OF DISCUSSIONS BY THE
TOP AUTHORITIES OF CNRS AND NSF WHICH COVERED THE
OPERATIONS OF THE TWO AGENCIES AND POTENTIAL FUTURE
COOPERATIVE PROJECTS. CNRS, WITH A STAFF OF 40,000

IS FEELING THE PINCH FROM A CONTINUOUSLY DIMINISHING
BUDGET (\$625 MILLION IN 1978) WHICH FAILS TO KEEP PACE
WITH INFLATION AND IS STRUGGLING TO REDIRECT AND
REJUVENATE REDUNDANT PERSONNEL AND NON-PRODUCTIVE
LABORATORIES TO MEET THE NEW CHALLENGES OF SCIENCE
AND THE NEEDS OF THE FRENCH SOCIETY. WITH CLOSE
INDUSTRIAL CONTACTS, CNRS IS PLACING GREATER EMPHASIS
ON APPLIED RESEARCH. END SUMMARY.

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PAGE 02 PARIS 19682 01 OF 08 230100Z

2. THE CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE
(CNRS, NATIONAL SCIENTIFIC RESEARCH CENTER) IS THE
FRENCH GOVERNMENT'S PRIMARY BASIC RESEARCH ADMINISTRA-
TION. ITS MISSION IS TO DEVELOP, ORIENT, AND COOR-
DINATE SCIENTIFIC RESEARCH OF ALL TYPES AND TO ANALYZE
THE SCIENTIFIC SITUATION FOR THE GOVERNMENT ON A
CONTINUING BASIS. IT IS ALSO TASKED WITH KEEPING

THREE FUNDAMENTAL GOALS IN MIND: THE INCREASE OF HUMAN KNOWLEDGE, AND UNDERSTANDING ECONOMIC AND SOCIAL ACTIONS. CNRS DIRECTOR GENERAL ROBERT CHABBAL TOLD

THE MEETING THAT HIS OWN GOALS ARE TO ACHIEVE A HIGH QUALITY OF SCIENTIFIC WORK, KEEP AS HIGH A DEGREE OF SCIENTIFIC MOBILITY AS POSSIBLE, AND MAINTAIN HIS RELATIONS WITH THE SCIENTIFIC WORLD OUTSIDE THE CNRS. GIVEN ITS SHRINKING BUDGET (IN REAL TERMS) THE QUALITY OF SCIENTIFIC WORK HAS BEEN DIFFICULT TO MAINTAIN. CHABBAL TOLD THE GROUP HE WAS ESPECIALLY CONCERNED TO PREVENT VESTED INTERESTS IN THE OLDER ESTABLISHED SCIENTIFIC FIELDS FROM SNUFFING OUT FRESH IDEAS IN NEWER FIELDS. THE QUESTIONS HE HAS CONTINUED TO ASK HIMSELF ARE: 1) IS SCIENCE WORTH GOVERNMENT'S SUPPORT, PARTICULARLY IN TIMES OF ECONOMIC CRISIS; 2) WHAT ARE THE RELATIVE IMPORTANCES OF THE VARIOUS SCIENTIFIC FIELDS; AND 3) HOW DOES ONE EVALUATE VARIOUS SCIENTIFIC ORGANIZATIONS AND LABORATORIES?

3. OVERALL GUIDANCE IS FURNISHED THE CNRS BY THE DELEGATION GENERALE A LA RECHERCHE SCIENTIFIQUE ET TECHNIQUE (DGRST, GENERAL DIRECTORATE FOR SCIENTIFIC AND TECHNICAL RESEARCH), A POLICY AND BUDGET COORDINATING BODY (STAFF OF 200) WHICH REPORTS LIMITED OFFICIAL USE

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PAGE 03 PARIS 19682 01 OF 08 230100Z

THROUGH THE SECRETARY OF STATE FOR RESEARCH TO THE PRIME MINISTER.

4. CNRS WORK IS OVERSEEN BY A NATIONAL COMMITTEE ON SCIENTIFIC RESEARCH WHICH IS DIVIDED INTO 41 SECTIONS. EACH SECTION IS COMPOSED OF 16 REPRESENTATIVES SELECTED FROM THE CNRS LABORATORY STAFF WORKING IN THAT DISCIPLINE PLUS TEN FROM OUTSIDE CNRS. OF THE TEN OUTSIDERS, FIVE ARE NOMINATED BY THE MINISTRY FOR UNIVERSITIES AND FIVE BY THE SECRETARY OF STATE FOR RESEARCH. THESE 26 MEMBERS OF THE COMMISSION'S VARIOUS SECTIONS MEET TWICE A YEAR TO PROPOSE THE CREATION OR RENEWAL OF RESEARCH TEAMS AND TO REVIEW

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PAGE 01 PARIS 19682 02 OF 08 230106Z
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C O R R E C T E D C O P Y (FOR ADDITIONAL SECTIONS)
AND APPROVE THE ALLOTMENT OF RESOURCES TO PROJECTS.
IN ADDITION IT PASSES ON PUBLICATIONS; EVALUATES
RESEARCHERS' PERFORMANCE; AND APPROVES THEIR PROMO-
TIONS.

5. THE CNRS TOTAL BUDGET IN 1978 IS 2,872 MILLION
FRENCH FRANCS (ABOUT \$625 MILLION), WHICH IS
ABOUT A QUARTER OF THE CIVILIAN GOF RESEARCH SUPPORT.
IT HAS JUST UNDER 8,000 FULL TIME RESEARCHERS, AN
ADDITIONAL 22,000 MAN-YEARS OF PART TIME RESEARCH;
AND 11,000 ADMINISTRATIVE AND TECHNICAL PERSONNEL.

6. THE DISTRIBUTION OF STAFF AMONG THE CNRS MAIN
SCIENTIFIC DIVISIONS WAS GIVEN AS FOLLOWS:

DIVISION	RESEARCHERS	ADMINISTRATIVE & TECHNICAL
----------	-------------	-------------------------------

LIFE SCIENCES	2134	2811
SOCIAL SCIENCES	1418	1469
MATH & BASIC	1123	1305
PHYSICS		
CHEMISTRY	1592	1509
OCEANS, GEOLOGY	688	1471

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PAGE 02 PARIS 19682 02 OF 08 230106Z

& SPACE
PHYSICS FOR 597 723
THE ENGINEER
NUCLEAR PHYSICS 370 1812

7. IN A TYPICAL CNRS LABORATORY, THERE IS A STAFF OF
100, 40 OF WHOM ARE ADMINISTRATIVE AND TECHNICAL AND

THE REST RESEARCHERS. THE LATTER CATEGORY IS USUALLY DIVIDED EVENLY BETWEEN FULL TIME CNRS RESEARCHERS, RESEARCHERS "DE PASSAGE" (A CATEGORY INCLUDING FOREIGN RESEARCHERS AND TRAINEES), AND PART TIME RESEARCHERS. ABOUT A THIRD OF THE WORK IN CNRS LABORATORIES AND IN ASSOCIATED LABORATORIES IS

CNRS-ORIGINATED, WHILE THE REST IS SUPPORTED BY OTHER PARTS OF THE GOF.

8. CHABBAL TOLD THE GROUP HE WAS DISAPPOINTED AT THE SITUATION PREVAILING IN HIS ORGANIZATION, WHICH TENDS TO IMPEDE CREATIVE THOUGHT. A JOB SHORTAGE IN RESEARCH WORK INDUCES HIS RESEARCHERS TO MAKE EVERY ATTEMPT TO STAY IN THEIR POSITIONS, MAKING IT VERY DIFFICULT TO BRING NEW PEOPLE INTO THE LABORATORIES. AS HE EXPRESSED IT LATER IN THE MEETING, THE SCIENTISTS TEND TO DRAG OUT THEIR DISSERTATIONS UNTIL THE DAY OF THEIR RETIREMENT. THE BUDGET ALSO WORKS AGAINST MOBILITY, SINCE, OVER THE PAST FOUR YEARS, IT HAS BRRELY KEPT UP WITH INFLATION. FUNDS FOR EQUIPMENT SHRINK AS SALARIES AND REQUIRED EMPLOYER CONTRIBUTIONS RISE, LATELY AT A ATE FASTER THAN INFLATION. IN 1975 THE GOF ANNOUNCED A POLICY OF INCREASING JOB OPPORTUNITIES FOR NEW RESEARCHERS BY THREE PERCENT PER YEAR. ALL THESE FACTORS HAVE COMBINED TO INCREASE LIMITED OFFICIAL USE

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PAGE 03 PARIS 19682 02 OF 08 230106Z

THE PERSONNEL COMPONENT OF THE TOTAL BUDGET, NOW AT 72 PERCENT, AT THE EXPENSE OF EQUIPMENT AND MATERIALS, AND ULTIMATELY, ON SCIENTIFIC ACTIVITY. ON THE WHOLE, THE AVERAGE CNRS RESEARCHER IS OPERATING ON A BUDGET WHICH FURNISHES ONLY 80 PERCENT OF WHAT HE NEEDS FOR SATISFACTORY WORK, CHABBAL NOTED. HE IS PRECLUDED, HE CONTINUED, FROM CLOSING MANY OF HIS NON-PRODUCTIVE LABORATORIES AND FROM RELEASING SCIENTISTS FOR WHOM THERE IS NO REAL WORK. HE AND HIS SENIOR STAFF THUS SPEND A GOOD DEAL OF TIME SEEKING NEW, PRODUCTIVE WORK FOR THESE SCIENTISTS.

9. THE CNRS MEETS REGULARLY WITH REPRESENTATIVES OF FRENCH INDUSTRY VIA A COMMITTEE FOR INDUSTRIAL RELATIONS WHICH IS DIVIDED INTO SECTIONS ALONG SCIENTIFIC LINES. IN ADDITION, A MAIN SCIENTIFIC DIRECTORATE "SCIENCE FOR THE ENGINEER" WAS RECENTLY ESTABLISHED. FIELDS IN WHICH COOPERATION WITH INDUSTRY IS ESPECIALLY ACTIVE ARE METALLURGY, CHEMISTRY, PHARMACOLOGY, AND

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PAGE 01 PARIS 19682 03 OF 08 230108Z
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C O R R E C T E D C O P Y (FOR ADDITIONAL SECTIONS)
AND AN INTERDISCIPLINARY GROUP WITH PARTICIPATION OF
ELECTRICITE DE FRANCE FOR THE STUDY OF SOLAR ENERGY,
PIRDES.

10. WHILE THE FIRST DAY OF THE MEETING WAS DEVOTED
TO AN EXPLANATION OF CNRS AND NSF, THE SECOND DAY WAS
DEVOTED TO AN EXPLORATION OF EXISTING AND POTENTIAL
SCIENTIFIC COOPERATION BETWEEN THE NSF AND THE CNRS.
THE FRENCH SIDE WAS QUITE INTERESTED IN EXCHANGES OF
SCIENTISTS. IN THE MODE OF JOINT SEMINARS, CNRS
PREFERS TO HOLD THEM IN FRANCE, SO THAT
MANY FRENCH SCIENTISTS COULD BECOME BETTER ACQUAINTED
WITH THEIR AMERICAN COUNTERPARTS.

11. BEYOND THE RANGE OF THIS COOPERATION BOTH SIDES
NOTED THAT PERHAPS A SCORE OF OTHER FRANCO-AMERICAN
SCIENTIFIC COOPERATIVE RELATIONSHIPS WERE IN EXISTENCE.
IT WAS AGREED THAT MORE DATA AND COORDINATION WOULD
BE DESIRABLE; NSF AGREED TO UNDERTAKE A STUDY OF THIS
ON THE U.S. SIDE.

12. PROF. JACQUES WINTER, HEAD OF THE PHYSICS DIVISION,
EXPRESSED INTEREST IN A SYMPOSIUM IN MOLECULAR AND
ATOMIC PHYSICS IN 1980 AND OTHER SESSIONS IN MATHE-
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PAGE 02 PARIS 19682 03 OF 08 230108Z

MATICAL PHYSICS, SYNCHROTONS, AND NEUTRON SCATTERING. HE NOTED IN A MORE GENERAL WAY, HOWEVER, THAT THE DEFINITION OF VARIOUS PHYSICS SUBFIELDS WERE NOT FULLY AGREED ON AND THAT TRANSLATIONS OF THE TERMS INDICATING THESE DIVISIONS WERE SOMETIMES MISLEADING. BOTH SIDES, THEREFORE, MUST MAKE SURE THAT THEY UNDERSTAND EACH OTHER BEFORE MAKING DETAILED ARRANGEMENTS FOR COOPERATION.

13. DURING THE DISCUSSION OF COOPERATION IN PHYSICS, THE QUESTION OF LABORATORY VISITS AROSE. REPRESENTATIVES OF THE AMERICAN SIDE EXPRESSED SOME PUZZLEMENT THAT AMERICAN PHYSICISTS WERE FREQUENTLY UNABLE TO VISIT FRENCH LABORATORIES - IN CONTRAST TO THE CORDIAL WELCOME EXTENDED TO THEIR FRENCH COLLEAGUES IN THE U.S.

THE FRENCH SIDE REPLIED THAT THERE HAD BEEN TIMES WHEN IT WAS NOT POSSIBLE TO RECEIVE VISITING AMERICAN AND OTHER FOREIGN SCIENTISTS IN THEIR LABORATORIES, BUT ASSURED THEIR AMERICAN COLLEAGUES THAT THIS WAS PURELY FOR ADMINISTRATIVE REASONS. BOTH SIDES AGREED THAT SCIENTISTS SHOULD NOT SPEND A GREAT DEAL OF TIME AS "GUIDES, BUT IT WAS NECESSARY TO HAVE ONE "LOCAL" SCIENTIST WORK WITH VISITING RESEARCHERS.

14. IN CHEMISTRY THE FRENCH EXPRESSED SPECIAL INTEREST IN MATERIALS, CATALYSIS, AND PHOTOCHEMISTRY.

15. THE HEAD OF THE LIFE SCIENCES DIVISION SAID THE MAIN NEED IN HIS FIELD WAS TO IMPROVE THE DIALOGUE RATHER THAN TO ESTABLISH COOPERATION AMONG LABORATORIES. IN RESPONSE TO A QUESTION, HE SAID THAT THE FIELDS IN WHICH HE HAD THE MOST INTEREST IN HEARING LIMITED OFFICIAL USE

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PAGE 03 PARIS 19682 03 OF 08 230108Z

FROM HIS FOREIGN COLLEAGUES ARE IMMUNOLOGY, AND PSYCHOPHYSIOLOGY AND NODALIZATION.

16. THE DIRECTOR OF THE "SCIENCES DE L'HOMME", SOCIAL SCIENCES, EXPRESSED AN INTEREST IN AN ANNUAL WORKSHOP. HE BELIEVED THAT HIS DIVISION'S AREA STUDIES HAD CONCENTRATED TOO HEAVILY IN FRANCOPHONE AFRICA AND NEEDED NOW TO TURN TO LATIN AMERICA AND THE FORMER FRENCH COLONIES IN ASIA.

17. THE MEETING CONCLUDED WITH THE NSF AGREEING TO CONSIDER HOLDING TWO SEMINARS, ONE IN EACH OF TWO SPECIFIC FIELDS, IN THE NEAR FUTURE, WHICH WOULD SEEK TO DEFINE AREAS OF POTENTIALLY MUTUALLY BENEFICIAL

COOPERATIVE RESEARCH WHICH WOULD ASSIST IN EXPANDING
NSF-CNRS COLLABORATIVE RESEARCH PROGRAM.
END OF LIMITED OFFICIAL USE.

BEGIN UNCLASSIFIED.

18. THE TEXT OF THE MEMORANDUM OF UNDERSTANDING FOLLOWS:

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PAGE 01 PARIS 19682 04 OF 05 202052Z
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1. THE PARTIES AGREE THAT EXCHANGE OF STAFF FOR VISITS
OF BRIEF DURATION WILL SERVE TO ENHANCE COOPERATIVE
EFFORT UNDER THIS MOU.

2. EITHER PARTY MAY PROPOSE A VISIT OF A STAFF MEMBER
OR MEMBERS TO THE OTHER PARTY BY A NOMINATION CONSISTING
OF THE NAME AND TITLE OF THE NOMINEE OR NOMINEES AND THE
SUGGESTED PURPOSE AND DURATION OF THE PROPOSED VISIT.

3. EACH PARTY MAKING SUCH PROPOSAL SHALL BEAR ALL COSTS
OF TRANSPORTATION AND SUBSISTENCE FOR ITS STAFF MEMBERS
IN CONNECTION WITH SUCH VISITS. WHEN THE NOMINATION IS
ACCEPTED, THE HOST PARTY SHALL COOPERATE IN ARRANGING THE
VISIT AND SHALL PROVIDE ACCESS TO NECESSARY
FACILITIES AND OFFICE SPACE.

APPENDIX V

PATENTS AND INTELLECTUAL PROPERTY RIGHTS

1. SCIENTIFIC AND TECHNICAL INFORMATION DERIVED FROM
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ACTIVITY UNDER THIS MOU SHALL BE MADE AVAILABLE TO THE
INTERNATIONAL SCIENTIFIC COMMUNITY THROUGH CUSTOMARY
CHANNELS AND IN ACCORDANCE WITH NORMAL SCIENTIFIC
PROCEDURES.

THE FOLLOWING AGREEMENTS SHALL GOVERN THE ALLOCATION OF
RIGHTS TO INTELLECTUAL PROPERTY INCLUDING INVENTIONS
CONCEIVED OR FIRST REDUCED TO PRACTICE JOINTLY BY
COLLABORATOR PARTICIPANTS OF BOTH COUNTRIES OR BY A
PARTICIPANT IN THE POST DOCTORAL EXCHANGE PROGRAM DURING
THE COURSE OF AN ACTIVITY CONDUCTED UNDER THIS MOU
(HEREINAFTER REFERRED TO AS "JOINT SUBJECT INVENTIONS").

2. (A) WHEN A JOINT SUBJECT INVENTION IS MADE AS A
RESULT OF COOPERATIVE ACTIVITY UNDER THIS MOU EACH PARTY
SHALL DETERMINE THE DISPOSITION OF ALL RIGHTS WITHIN ITS
OWN COUNTRY AND SHALL NOTIFY THE OTHER PARTY WITHIN 10
MONTHS OF ITS DETERMINATION IN ORDER TO ASSURE THAT THE
OTHER PARTY SHALL BE ABLE TO EXERCISE ITS RIGHTS WITHIN
ITS OWN COUNTRY.

(B) EITHER PARTY OR ITS DESIGNEE MAY FILE A PATENT
APPLICATION IN ANY THIRD COUNTRY ON ANY JOINT SUBJECT
INVENTION, PROVIDED THAT IT SHALL INFORM THE OTHER PARTY
OF THIS ACTION WITHIN A YEAR OF THE DATE OF FILING. THE
OTHER PARTY MAY THEN OBTAIN, UPON ITS REQUEST, A LICENSE
TO PRACTICE AND SUBLICENSE THE INVENTION IN THAT THIRD
COUNTRY BASED ON AN EQUAL SHARE OF THE COST WITH THE
PARTY FILING THE PATENT. NOTWITHSTANDING THE ABOVE,
PARTICIPANTS UNDER THE MOU MAY MAKE OTHER ARRANGEMENTS
FOR PATENTING, LICENSING, MARKETING, AND SHARING OF
ROYALTIES IN THIRD COUNTRIES OF JOINT SUBJECT INVENTIONS.

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PAGE 03 PARIS 19682 04 OF 05 202052Z

3. WHERE PARTICULAR RESULTS DERIVED FROM ANY JOINT
ACTIVITIES UNDER THIS MOU MAY BE SUBJECT TO COPYRIGHT
PROTECTION, EACH PARTY MAY IN ACCORDANCE WITH ITS OWN
LAWS AND PROCEDURES HOLD OR ASSIGN COPYRIGHT IN ITS OWN
TERRITORY SUBJECT TO A ROYALTY-FREE AND NON-EXCLUSIVE
LICENSE TO THE OTHER PARTY TO PUBLISH, COPY AND TRANSLATE

SUCH RESULTS. IN CASE ONE OF THE PARTIES SHALL OBTAIN
COPYRIGHT RIGHTS IN THIRD COUNTRIES IT SHALL NOTIFY THE
OTHER PARTY WITHIN A REASONABLE TIME.

4. PROVISION FOR RIGHTS TO AN INVENTION OR COPYRIGHT BY
EITHER PARTY IN ACCORDANCE WITH THIS ARTICLE DOES NOT
ENTAIL CONVEYANCE OF RIGHTS TO ANY OTHER INVENTION OR
COPYRIGHT, INCLUDING ANY RIGHTS NECESSARY TO PRACTICE OR
USE THE RIGHTS PROVIDED FOR BY THIS ARTICLE.

5. EACH PARTY AGREES TO TAKE ALL NECESSARY STEPS TO
COOPERATE AND TO ASSURE THAT THE OTHER PARTY IS ABLE TO
OBTAIN ALL RIGHTS PROVIDED FOR UNDER THIS ARTICLE. THIS
INCLUDES RESPONSIBILITY TO TAKE SUCH STEPS AS ARE
NECESSARY AND TIMELY TO INFORM ITS PARTICIPANTS OF THE
TERMS OF THIS ARTICLE AND TO ASSURE COMPLIANCE WITH ITS
TERMS. THE PARTIES MAY AGREE TO SPECIAL ARRANGEMENTS
IN WRITING IN INDIVIDUAL CASES.

APPENDIX II (FOLLOWS OUT OF SEQUENCE)

COOPERATIVE RESEARCH PROGRAM

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PAGE 01 PARIS 19682 05 OF 08 230113Z
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C O R R E C T E D C O P Y (FOR ADDITIONAL SECTIONS)
FOR THE PERFORMANCE OF THIS MOU. THIS INCLUDES EFFORT
TO SECURE NECESSARY VISAS OR DUTY FREE ENTRY WHEREVER
POSSIBLE.

12. THIS MOU SHALL ENTER INTO FORCE ON THE DATE OF SIGNA-

TURE BY THE DIRECTOR OF THE NSF AND THE DIRECTOR GENERAL OF CNRS, OR THEIR DESIGNEES, AND SHALL REMAIN IN FORCE FOR FIVE YEARS UNLESS RENEWED BY MUTUAL CONSENT. THE MOU MAY BE TERMINATED BY EITHER PARTY BY THE PROVISION OF SIX MONTHS WRITTEN NOTICE TO THE OTHER PARTY.

13. WHEN EXECUTED, THIS MOU ANNULS AND REPLACES THE AGREEMENT SIGNED BETWEEN THE PARTIES ON JULY 20, 1970, AND ITS AMENDMENTS.

14. THE CALENDAR YEAR 1978 IS CONSIDERED A PERIOD OF TRANSITION DURING WHICH THE PARTIES WILL INITIATE STEPS TO ACHIEVE THE OBJECTIVES OF THIS AGREEMENT AND INCORPORATE THE NEW PROGRAMMATIC PROCEDURES TO THE EXTENT FEASIBLE. THE PARTIES MAY AGREE TO CONTINUE EXISTING AGREEMENT OR ITS AMENDMENTS.

15. THIS MOU SHALL BE DOCUMENTED BOTH IN ENGLISH AND FRENCH, EACH VERSION HAVING EQUAL VALIDITY.
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PAGE 02 PARIS 19682 05 OF 08 230113Z

DONE AT , THIS DAY OF 1978

NATIONAL SCIENCE FOUNDATION NATIONAL CENTER FOR
SCIENTIFIC RESEARCH

APPENDIX I

POSTDOCTORAL EXCHANGE PROGRAM

A PROGRAM FOR THE EXCHANGE OF YOUNG POSTDOCTORAL AMERICAN AND FRENCH SCIENTISTS. EXCHANGE AWARDS ARE MADE FOR STUDY OR WORK IN THE MATHEMATICAL, PHYSICAL, CHEMICAL SCIENCES AND ENGINEERING, SOCIAL SCIENCES, INCLUDING ECONOMICS, AND THE BIOLOGICAL SCIENCES (EXCLUSIVE OF THE MEDICAL SCIENCES). AWARDS ALSO WILL NOT BE MADE IN THE EDUCATION OR BUSINESS FIELDS.

FOR THE DURATION OF THE MOU, THE PARTIES PLAN TO ALLOCATE TO THIS PROGRAM ELEMENT APPROXIMATELY EQUIVALENT FUNDS TO CARRY OUT THE ACTIVITY. THE EXACT AMOUNT OF FUNDS TO BE ALLOCATED WILL BE AFFECTED BY AN EXCHANGE OF LETTERS BETWEEN THE PARTIES.

ELIGIBILITY, LOCATION AND DURATION OF WORK

ELIGIBLE INDIVIDUALS ARE CITIZENS OR NATIONALS OF THE UNITED STATES OR FRANCE WHO WILL HAVE EARNED A DOCTORAL DEGREE OR ITS EQUIVALENT, NORMALLY NOT MORE

THAN FIVE YEARS PRIOR TO THE COMMENCEMENT OF THE PLANNED EXCHANGE VISIT. DEPARTURES FROM THE FIVE YEAR RULE MUST HAVE THE APPROVAL OF THE PROGRAM OFFICERS OF BOTH PARTIES AND SHALL BE APPROVED ONLY IN SPECIAL CIRCUMSTANCES.
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FRENCH CANDIDATES SHOULD PLAN TO SPEND THE EXCHANGE VISIT AT ANY APPROPRIATE NONPROFIT UNITED STATES INSTITUTION, AND AMERICAN CANDIDATES SHOULD MAKE SIMILAR PLANS IN CONNECTION WITH ANY APPROPRIATE NONPROFIT FRENCH INSTITUTION. APPROPRIATE NONPROFIT INSTITUTIONS IN THIS PROGRAM WILL NORMALLY BE INSTITUTIONS OF HIGHER EDUCATION, GOVERNMENT RESEARCH INSTITUTES, LABORATORIES, OR CENTERS; AND PRIVATELY SPONSORED NONPROFIT INSTITUTES.

THE PERIOD OF THE EXCHANGE VISIT SHALL NORMALLY BE BETWEEN FIVE AND FIFTEEN MONTHS. SHORTER OR LONGER VISITS, OR EXTENSION OF TIME, MAY BE APPROVED UPON ADEQUATE JUSTIFICATION WHEN RECOMMENDED OR AGREED TO BY THE HOST INSTITUTION.

STIPENDS AND ALLOWANCES

AWARDS UNDER THIS PROGRAM WILL BE JOINTLY FUNDED AS SPECIFIED BELOW BY THE NATIONAL SCIENCE FOUNDATION (NSF) AND THE NATIONAL CENTER FOR SCIENTIFIC RESEARCH (CNRS). ALTHOUGH APPLICATIONS ARE SUBMITTED BY INDIVIDUAL CANDIDATES, NSF PAYMENT OF THE AWARDS SHALL BE MADE TO THE HOST INSTITUTIONS FOR THE BENEFIT OF THE AWARDEE. THE CNRS SHALL MAKE PAYMENTS DIRECTLY TO THE AWARDEE.

FRENCH AWARDEES WILL RECEIVE:

1. FROM THE CNRS, THEIR OWN EXPENSES OF ROUND TRIP TRAVEL FROM PLACE OF RESIDENCE TO HOST INSTITUTION;
 2. FROM THE NSF:
 - A. STIPEND AT THE RATE OF \$780 TO \$840 PER MONTH AS DETERMINED BY THE NSF PROGRAM OFFICER ON THE BASIS OF THE QUALIFICATIONS OF THE AWARDEE; THE AMOUNT OF THE STIPEND WILL BE ESTABLISHED IN EACH CASE AFTER CONSIDERATION OF RECOMMENDATIONS BY CNRS;
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PAGE 04 PARIS 19682 05 OF 08 230113Z

- B. DEPENDENCY ALLOWANCE, FOR ACCOMPANYING DEPENDENTS STAYING WITH THE EXCHANGE VISITOR FOR A

PERIOD OF NOT LESS THAN FIVE MONTHS, AT THE RATE OF \$60
PER MONTH FOR EACH DEPENDENT (SPOUSE OR CHILD);

C. COST OF LIVING ALLOWANCE WHEN SPECIFICALLY
APPROVED BY THE NSF UPON THE REQUEST OF A VISITOR WORKING
IN A HIGH COST LOCALE;

D. INSTITUTIONAL ALLOWANCE (PAYABLE TO
THE HOST INSTITUTION), IN ACCORDANCE WITH THE PRACTICE
OF THE NSF POSTDOCTORAL FELLOWSHIP PROGRAM FOR AMERICAN

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PAGE 01 PARIS 19682 06 OF 08 230115Z
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C O R R E C T E D C O P Y (FOR ADDITIONAL SECTIONS)
FELLOWS ABROAD, TO HELP COVER FEES CHARGEABLE TO
THE VISITOR AND TO ASSIST THE INSTITUTION IN MEETING
THE COST OF PROVIDING THE VISITOR WITH SPACE, SUPPLIES,
AND EQUIPMENT;

E. COSTS OF TRANSPORTATION OF THE AWARDEE FOR
TRAVEL WITHIN THE UNITED STATES, INCLUDING TRAVEL TO AND
FROM OUTLYING STATES, TERRITORIES, AND POSSESSIONS OF
THE UNITED STATES, AS SUCH TRAVEL IS JUDGED BY THE HOST
INSTITUTION TO BE REQUIRED FOR THE RESEARCH OR STUDY
PROGRAM OF THE AWARDEE, NOT EXCEEDING THE RATES OF
ECONOMY-JET AIR TRANSPORTATION AND NOT EXCEEDING A
MAXIMUM OF \$700 FOR THE DURATION OF THE EXCHANGE VISIT
TO THE U.S.

AMERICAN AWARDEES WILL RECEIVE:

1. FROM THE NSF, DEFRAIDAL OF ACTUAL TRAVEL
EXPENSES IN AN AMOUNT NOT TO EXCEED THE COST OF ECONOMY-
JET ROUND-TRIP AIR TRANSPORTATION FROM THE AWARDEE'S
PLACE OF PERMANENT RESIDENCE OR THE PLACE WHERE HE FILED
APPLICATION TO HIS HOST INSTITUTION, FOR THE AWARDEE

AND FOR EACH ACCOMPANYING DEPENDENT (SPOUSE OR CHILD)
WHO WILL STAY WITH THE AWARDEE IN FRANCE FOR A PERIOD OF
NOT LESS THAN FIVE MONTHS;
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PAGE 02 PARIS 19682 06 OF 08 230115Z

2. FROM THE CNRS:

A. STIPEND AT THE RATE OF 4,000 F. TO 4,200 F.
PER MONTH AS DETERMINED ON THE BASIS OF THE QUALIFICATIONS
OF THE AWARDEE, THE NUMBER OF ACCOMPANYING DEPENDENTS,
AND THE COST OF LIVING IN THE LOCALE WHERE HE WORKS; THE
AMOUNT OF THE STIPEND WILL BE ESTABLISHED IN EACH CASE BY
THE CNRS AFTER CONSIDERATION OF RECOMMENDATIONS BY THE
NSF;

B. A SUPPLEMENTAL ALLOCATION OF 400 F. PER MONTH
PER PERSON FOR ACCOMPANYING DEPENDENTS (SPOUSE OR CHILD)
FOR A PERIOD EQUAL TO OR GREATER THAN FIVE MONTHS DURING
THE STAY IN FRANCE.

C. COSTS OF TRAVEL WITHIN METROPOLITAN FRANCE AND
TO AND FROM EUROPEAN CENTERS (E.G. CERN) IN NEIGHBORING
COUNTRIES TO THE EXTENT THAT SUCH TRAVEL IS JUDGED BY THE
HOST INSTITUTION TO BE REQUIRED FOR THE RESEARCH OR
STUDY PROGRAM OF THE AWARDEE.

APPLICATION AND SELECTION

AN INDIVIDUAL WISHING TO APPLY FOR AN AWARD UNDER THIS
PROGRAM MAY OBTAIN NECESSARY INSTRUCTIONS AND APPLICATION
MATERIALS FROM THE ADMINISTERING AGENCY OF HIS COUNTRY,
THE NATIONAL SCIENCE FOUNDATION FOR AMERICAN CANDIDATES
AND THE NATIONAL CENTER FOR SCIENTIFIC RESEARCH FOR
FRENCH CANDIDATES. COMPLETED APPLICATION MATERIALS
MUST BE SUBMITTED TO THE ADMINISTERING AGENCY OF THE
CANDIDATE'S COUNTRY.

AN ACCEPTED CANDIDATE WILL RECEIVE AN OFFER OF AWARD
FROM THE ADMINISTERING AGENCY OF THE FOREIGN COUNTRY.
THIS OFFER MAY PROVIDE FOR RESEARCH AND STUDY IN THE
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PAGE 03 PARIS 19682 06 OF 08 230115Z

INSTITUTION REQUESTED BY THE CANDIDATE OR IN AN
ALTERNATIVE INSTITUTION CONSIDERED BY THE FOREIGN
ADMINISTERING AGENCY TO BE MORE APPROPRIATE FOR THE
CANDIDATE'S PROPOSED PROGRAM OF WORK. IN THE LATTER
CASE, THE FOREIGN ADMINISTERING AGENCY WILL ADVISE
THE CANDIDATE OF ITS REASONS FOR PROPOSING THAT THE

WORK BE UNDERTAKEN IN AN ALTERNATIVE INSTITUTION.

A CANDIDATE OFFERED AN AWARD UNDER THIS PROGRAM, WHO MAY EARLIER HAVE ACCEPTED AN AWARD UNDER ANOTHER PROGRAM OF EITHER COOPERATING AGENCY, OR WHO MAY SUBSEQUENTLY BE OFFERED AN AWARD UNDER ANOTHER PROGRAM OF EITHER COOPERATING AGENCY, WILL HAVE THE OPTION OF SELECTING EITHER OFFER. A CANDIDATE OFFERED AN AWARD UNDER THIS PROGRAM SHALL IMMEDIATELY NOTIFY THE ADMINISTERING AGENCIES OF BOTH COUNTRIES OF HIS ACCEPTANCE OR DECLINATION OF THE OFFER.

ANY CANDIDATE WHO IS NOT SELECTED WILL BE SO NOTIFIED BY THE ADMINISTERING AGENCY OF HIS OWN COUNTRY.

APPENDIX III

JOINT SEMINARS

1. THE PARTIES WILL ENDEAVOR TO ORGANIZE OR SUPPORT EACH YEAR THREE TO FOUR JOINT SEMINARS OF WHICH AT LEAST ONE WILL BE IN THE SOCIAL SCIENCES.
2. SEMINAR PROPOSALS CAN BE SOLICITED OR UNSOLICITED. SEMINARS ALSO MAY BE DEVELOPED DIRECTLY BY THE PARTIES.
3. A LIST OF SEMINARS TO BE FUNDED THE FOLLOWING YEAR WILL BE AGREED UPON ON OR BEFORE OCTOBER 1 OF EACH YEAR.

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PAGE 04 PARIS 19682 06 OF 08 230115Z

4. THE SEMINARS SHOULD BE HELD ALTERNATIVELY IN THE UNITED STATES AND IN FRANCE.
5. EACH PARTY SHALL ASSUME THE TRAVEL AND MAINTENANCE EXPENSES OF ITS PARTICIPANTS. IN ADDITION, THE HOST PARTY WILL DEFRAY THE SEMINAR'S ORGANIZATION EXPENSES.
6. PROVISION WILL BE MADE FOR APPROPRIATE DISSEMINATION OF THE SEMINAR RESULTS.

APPENDIX IV

STAFF EXCHANGE

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PAGE 01 PARIS 19682 07 OF 08 230117Z
ACTION OES-07

INFO OCT-01 EUR-12 ISO-00 NSF-01 L-03 SS-15 DOE-15
SOE-02 HEW-04 COME-00 LOC-01 CIAE-00 DODE-00
INR-10 NSAE-00 PA-01 ICA-11 SP-02 /085 W
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TO SECSTATE WASHDC 3693

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C O R R E C T E D C O P Y (FOR ADDITIONAL SECTIONS)

1. THE PARTIES AGREE THAT EXCHANGE OF STAFF FOR VISITS OF BRIEF DURATION WILL SERVE TO ENHANCE COOPERATIVE EFFORT UNDER THIS MOU.
2. EITHER PARTY MAY PROPOSE A VISIT OF A STAFF MEMBER OR MEMBERS TO THE OTHER PARTY BY A NOMINATION CONSISTING OF THE NAME AND TITLE OF THE NOMINEE OR NOMINEES AND THE SUGGESTED PURPOSE AND DURATION OF THE PROPOSED VISIT.
3. EACH PARTY MAKING SUCH PROPOSAL SHALL BEAR ALL COSTS OF TRANSPORTATION AND SUBSISTENCE FOR ITS STAFF MEMBERS IN CONNECTION WITH SUCH VISITS. WHEN THE NOMINATION IS ACCEPTED, THE HOST PARTY SHALL COOPERATE IN ARRANGING THE VISIT AND SHALL PROVIDE ACCESS TO NECESSARY FACILITIES AND OFFICE SPACE.

APPENDIX V

PATENTS AND INTELLECTUAL PROPERTY RIGHTS

1. SCIENTIFIC AND TECHNICAL INFORMATION DERIVED FROM ACTIVITY UNDER THIS MOU SHALL BE MADE AVAILABLE TO THE INTERNATIONAL SCIENTIFIC COMMUNITY THROUGH CUSTOMARY CHANNELS AND IN ACCORDANCE WITH NORMAL SCIENTIFIC
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PAGE 02 PARIS 19682 07 OF 08 230117Z

PROCEDURES.

THE FOLLOWING AGREEMENTS SHALL GOVERN THE ALLOCATION OF RIGHTS TO INTELLECTUAL PROPERTY INCLUDING INVENTIONS CONCEIVED OR FIRST REDUCED TO PRACTICE JOINTLY BY

COLLABORATOR PARTICIPANTS OF BOTH COUNTRIES OR BY A PARTICIPANT IN THE POST DOCTORAL EXCHANGE PROGRAM DURING THE COURSE OF AN ACTIVITY CONDUCTED UNDER THIS MOU (HEREINAFTER REFERRED TO AS "JOINT SUBJECT INVENTIONS").

2. (A) WHEN A JOINT SUBJECT INVENTION IS MADE AS A RESULT OF COOPERATIVE ACTIVITY UNDER THIS MOU EACH PARTY SHALL DETERMINE THE DISPOSITION OF ALL RIGHTS WITHIN ITS OWN COUNTRY AND SHALL NOTIFY THE OTHER PARTY WITHIN 10 MONTHS OF ITS DETERMINATION IN ORDER TO ASSURE THAT THE OTHER PARTY SHALL BE ABLE TO EXERCISE ITS RIGHTS WITHIN ITS OWN COUNTRY.

(B) EITHER PARTY OR ITS DESIGNEE MAY FILE A PATENT APPLICATION IN ANY THIRD COUNTRY ON ANY JOINT SUBJECT INVENTION, PROVIDED THAT IT SHALL INFORM THE OTHER PARTY OF THIS ACTION WITHIN A YEAR OF THE DATE OF FILING. THE OTHER PARTY MAY THEN OBTAIN, UPON ITS REQUEST, A LICENSE TO PRACTICE AND SUBLICENSE THE INVENTION IN THAT THIRD COUNTRY BASED ON AN EQUAL SHARE OF THE COST WITH THE PARTY FILING THE PATENT. NOTWITHSTANDING THE ABOVE, PARTICIPANTS UNDER THE MOU MAY MAKE OTHER ARRANGEMENTS FOR PATENTING, LICENSING, MARKETING, AND SHARING OF ROYALTIES IN THIRD COUNTRIES OF JOINT SUBJECT INVENTIONS.

3. WHERE PARTICULAR RESULTS DERIVED FROM ANY JOINT ACTIVITIES UNDER THIS MOU MAY BE SUBJECT TO COPYRIGHT PROTECTION, EACH PARTY MAY IN ACCORDANCE WITH ITS OWN LIMITED OFFICIAL USE

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PAGE 03 PARIS 19682 07 OF 08 230117Z

LAWS AND PROCEDURES HOLD OR ASSIGN COPYRIGHT IN ITS OWN TERRITORY SUBJECT TO A ROYALTY-FREE AND NON-EXCLUSIVE LICENSE TO THE OTHER PARTY TO PUBLISH, COPY AND TRANSLATE SUCH RESULTS. IN CASE ONE OF THE PARTIES SHALL OBTAIN COPYRIGHT RIGHTS IN THIRD COUNTRIES IT SHALL NOTIFY THE OTHER PARTY WITHIN A REASONABLE TIME.

4. PROVISION FOR RIGHTS TO AN INVENTION OR COPYRIGHT BY EITHER PARTY IN ACCORDANCE WITH THIS ARTICLE DOES NOT ENTAIL CONVEYANCE OF RIGHTS TO ANY OTHER INVENTION OR COPYRIGHT, INCLUDING ANY RIGHTS NECESSARY TO PRACTICE OR USE THE RIGHTS PROVIDED FOR BY THIS ARTICLE.

5. EACH PARTY AGREES TO TAKE ALL NECESSARY STEPS TO COOPERATE AND TO ASSURE THAT THE OTHER PARTY IS ABLE TO OBTAIN ALL RIGHTS PROVIDED FOR UNDER THIS ARTICLE. THIS INCLUDES RESPONSIBILITY TO TAKE SUCH STEPS AS ARE NECESSARY AND TIMELY TO INFORM ITS PARTICIPANTS OF THE TERMS OF THIS ARTICLE AND TO ASSURE COMPLIANCE WITH ITS TERMS. THE PARTIES MAY AGREE TO SPECIAL ARRANGEMENTS

IN WRITING IN INDIVIDUAL CASES.

APPENDIX II (FOLLOWS OUT OF SEQUENCE)

COOPERATIVE RESEARCH PROGRAM

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PAGE 01 PARIS 19682 08 OF 08 230118Z

ACTION OES-07

INFO OCT-01 EUR-12 ISO-00 NSF-01 L-03 SS-15 DOE-15

SOE-02 HEW-04 COME-00 LOC-01 CIAE-00 DODE-00

INR-10 NSAE-00 PA-01 ICA-11 SP-02 /085 W

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C O R R E C T E D C O P Y (FOR ADDITIONAL SECTIONS)

1. AMERICAN AND FRENCH RESEARCH ORGANIZATIONS WISHING TO PARTICIPATE IN THIS PROGRAM MUST DEVELOP A JOINT PROPOSAL. THE AMERICAN RESEARCH ORGANIZATION SUBMITS THE PROPOSAL TO NSF WHILE THE FRENCH RESEARCH ORGANIZATION SUBMITS IT TO CNRS.

2. THE PROPOSAL IS DEVELOPED AND SUBMITTED ACCORDING TO THE RESPECTIVE RULES OF NSF AND CNRS. EACH PROPOSAL SHALL BE REVIEWED IN ACCORDANCE WITH THE RULES AND PRACTICES OF NSF AND CNRS.

3. THE DEADLINE FOR SUBMITTING PROPOSALS IS JUNE 1 OF EACH YEAR. THE PARTIES SHALL FOLLOW THE FOLLOWING SCHEDULE IN MAKING AWARDS: 3.1 EXCHANGE OF THE RESULTS OF THE REVIEWS BY SEPTEMBER 15. 3.2 JOINT SELECTION OF PROPOSALS TO BE FUNDED, OCTOBER 15. 3.3 AWARDS MADE: END OF DECEMBER.

4. COOPERATIVE RESEARCH PROJECTS ARE CONSIDERED FOR A DURATION OF TWO TO THREE YEARS. ALL PROJECTS ARE SUBJECT TO MUTUAL AGREEMENT OF THE NSF AND CNRS.
END TEXT

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Message Attributes

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Draft Date: 20 jun 1978
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Decaption Note:
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